

Title (en)

THE TREATMENT OF WATER CONTAINING DISSOLVED GASES

Title (de)

BEHANDLUNG VON GELÖSTE GASE ENTHALTENDEM WASSER

Title (fr)

TRAITEMENT D'EAUX RENFERMANT DES GAZ DISSOUS

Publication

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Application

**EP 04733040 A 20040514**

Priority

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- ZA 200209467 A 20030521

Abstract (en)

[origin: WO2004103913A1] This invention relates to a method and apparatus for the treatment of water containing a percentage of dissolved gases to recover at least some of the gases, such as methane gas, from the water. The apparatus comprises a feed pipe having an inlet and an outlet in flow communication with a separation chamber. The chamber has a gas outlet and a water outlet for discharging separated gases and water respectively. A means for stimulating the formation of bubbles, such as an ultrasound transducer, is associated with the feed pipe. The invention also relates to a method of treating water containing dissolved gases including positioning a tube having an inlet and an outlet, the inlet being positioned below the outlet in the water and using at least one device to stimulate formation of gas bubbles in water in the tube to cause an upward flow of water in the tube.

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